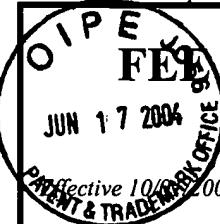


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 FEE TRANSMITTAL For FY 2004 <small>Effective 10/01/2003. Patent fees are subject to annual revision.</small>		Complete if Known																																																																																																																																																																																																				
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ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Large Entity</th> <th style="width: 20%;">Small Entity</th> <th colspan="3">Fee Description</th> <th style="width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>\$</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td>\$</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td>\$</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td>\$</td> </tr> <tr> <td>18042</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>\$</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td>\$</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td>\$110.00</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td>\$</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td>\$</td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td>\$</td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> <td>\$</td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td>\$</td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td>\$</td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td>\$</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1452</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>\$</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - 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Name (Print/Type)	 Robert M. Gray		Registration No. (Attorney/Agent)	41,798	Telephone	(713) 238-8000																																																																																																																																																																																																
Signature			Date	June 14, 2004																																																																																																																																																																																																		

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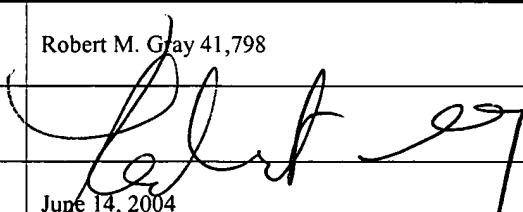
(to be used for all correspondence after initial filing)

Application Number	10/038,947		
Filing Date	January 3, 2002		
First Named Inventor	William R. Freund, Jr.		
Art Unit	2863		
Examiner Name	Tung S. Lau		
Total Number of Pages in This Submission	11	Attorney Docket Number	1787-12700

ENCLOSURES (*check all that apply*)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>): ; and acknowledgment postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Robert M. Gray 41,798
Signature	
Date	June 14, 2004

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Typed or Printed Name	Sandra K. Begley
Signature	
Date	June 14, 2004

128139.01/1787.12700

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/038,947 Confirmation No. 2139
Applicant : William R. Freund, Jr.
Filed : January 3, 2002
For : Peak Switch Detector For Transit Time Ultrasonic Meters
TC/A.U. : 2863
Examiner : Tung S. Lau

Customer No.: 23505
Atty. Dkt. No.: 1787-12700
Date: June 11, 2004

Mailstop Amendments
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION DATED MARCH 9, 2004

Sir:

In an Office Action dated March 9, 2004, the Examiner allowed claims 1-9, rejected claims 10-12, 14, 17, 19-24, and 26 and objected to claims 13, 15, 16, 18, and 25 as containing allowable subject matter. The Applicant notes with appreciation the Examiner's indication of allowable subject matter in claims 1-9, 13, 15, 16, 18 and 25.

In response, the Applicant has canceled claims 20-23 and 25, and incorporated the language of claim 25 into claim 10. In view of the Examiner's indication that previous claims 25 (now claim 10) is allowable, all the claims are believed to be in condition for allowance.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.